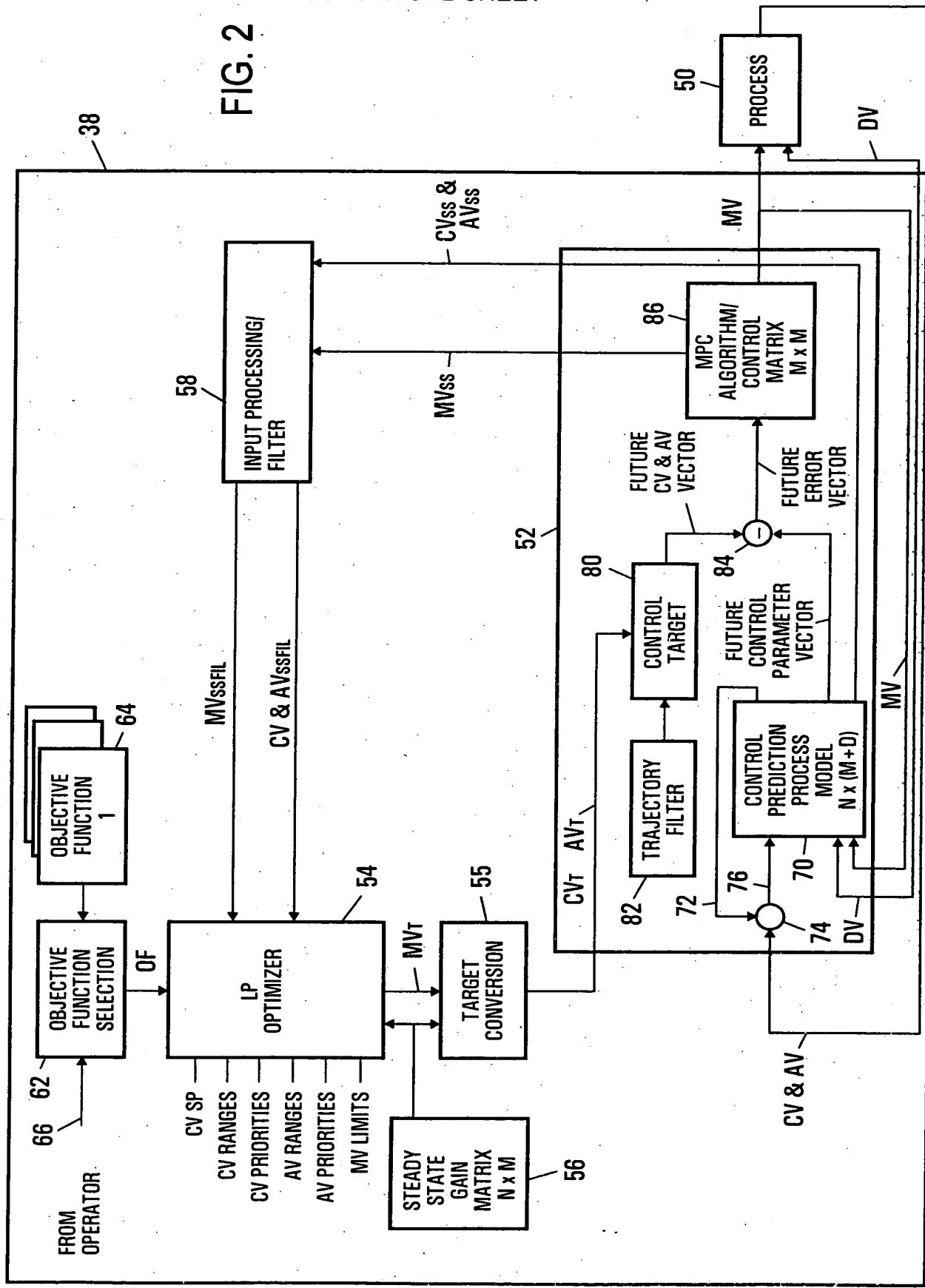


SUBSTITUTE SHEET

FIG. 2



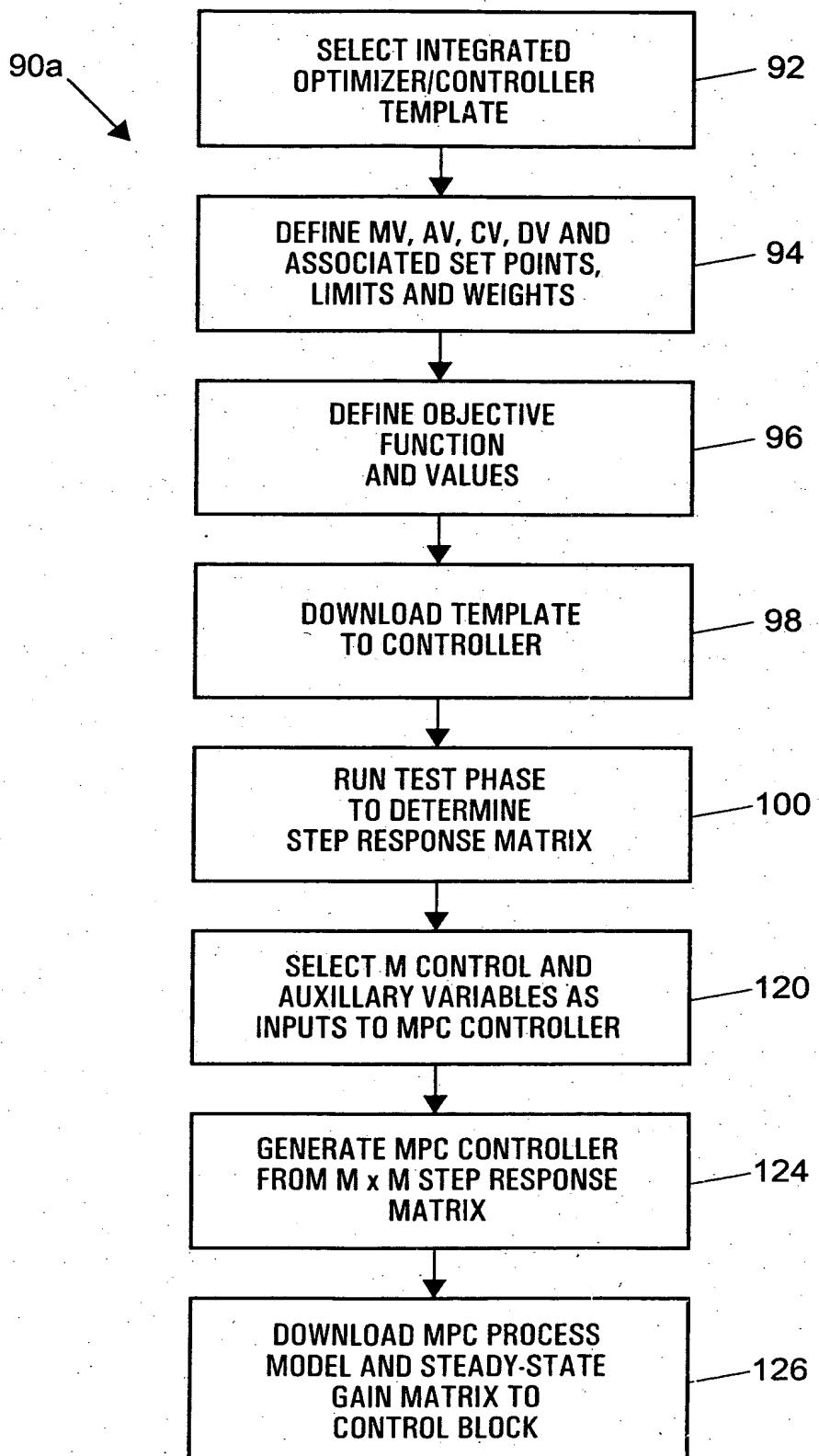


FIG. 3

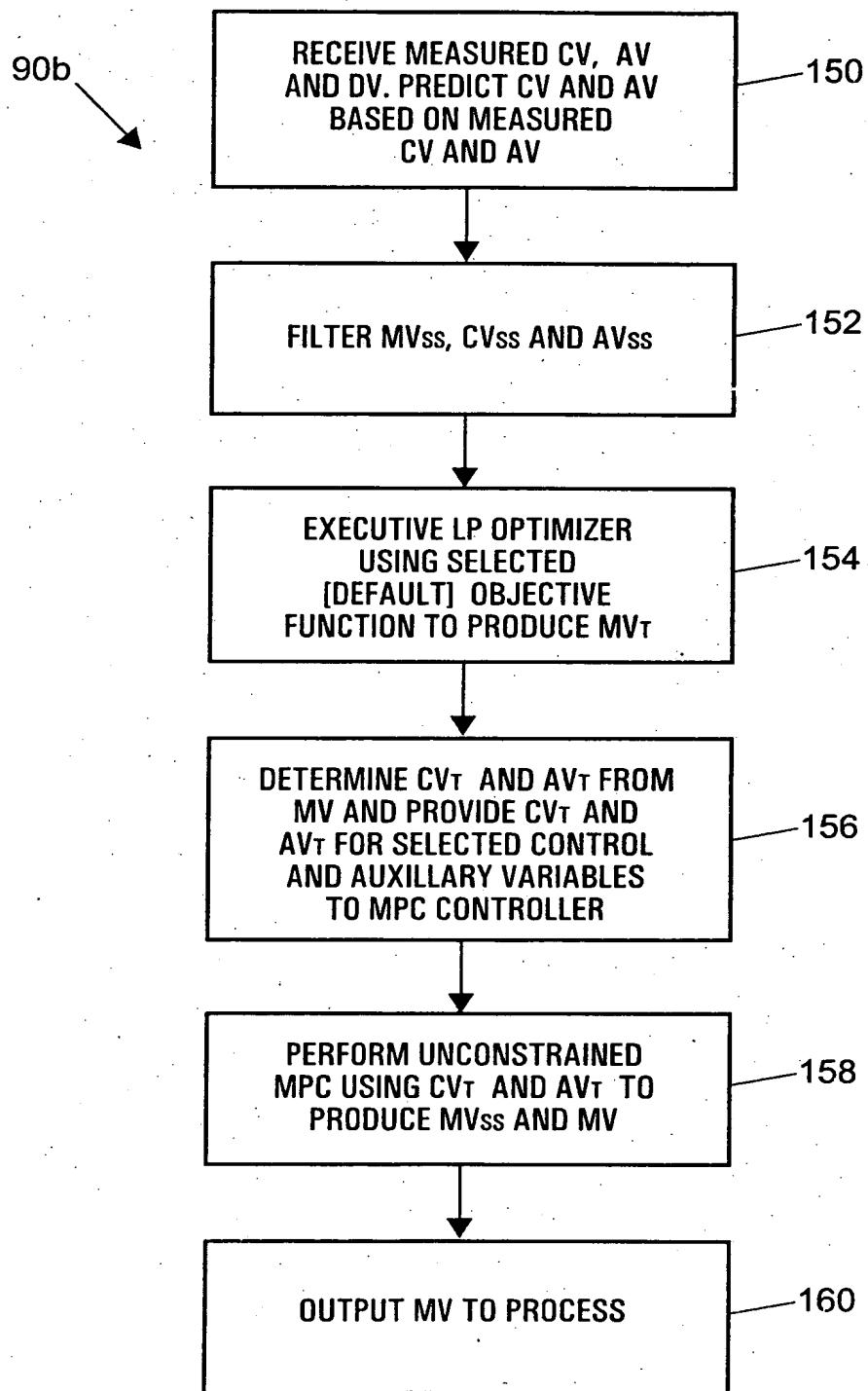


FIG. 4

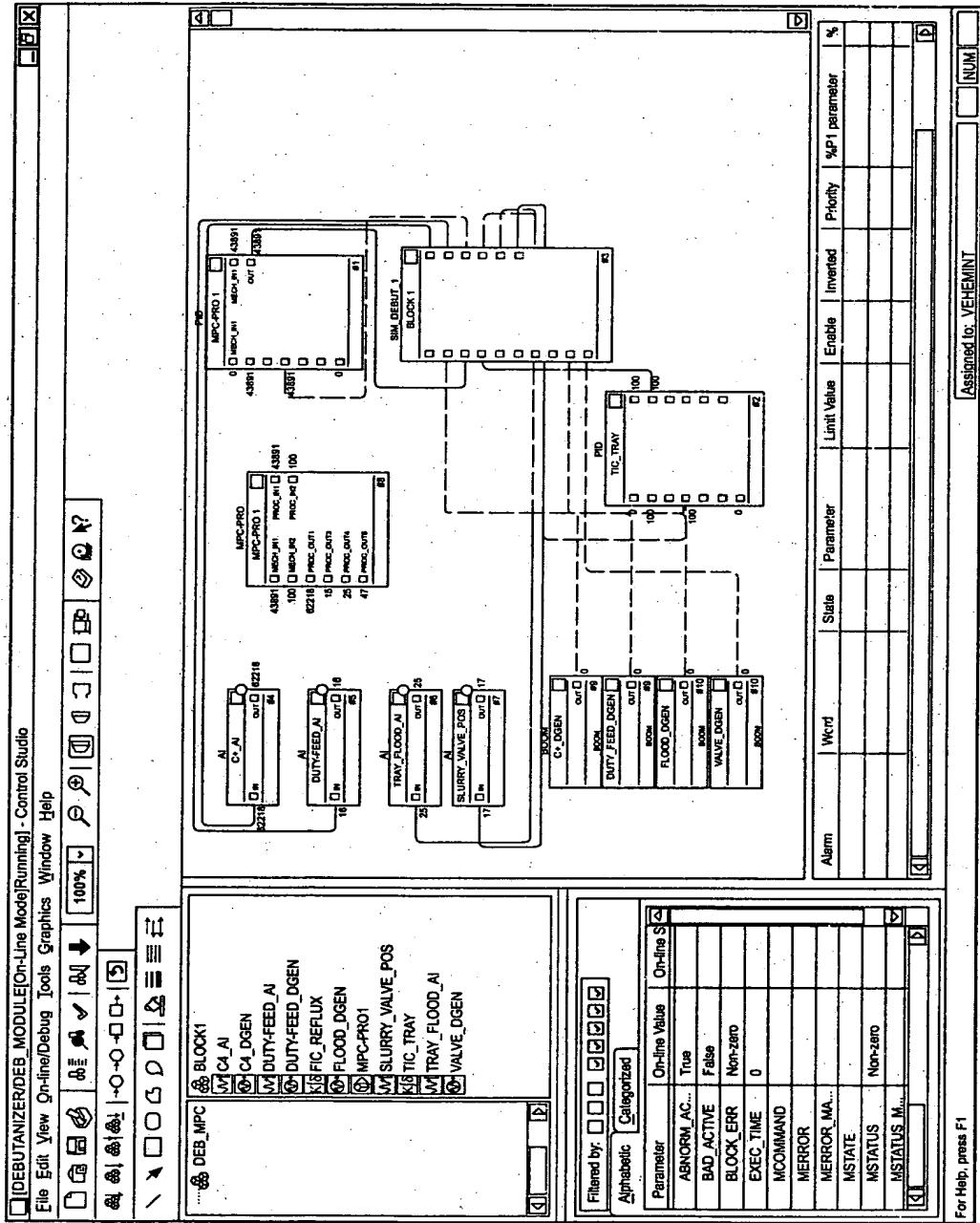
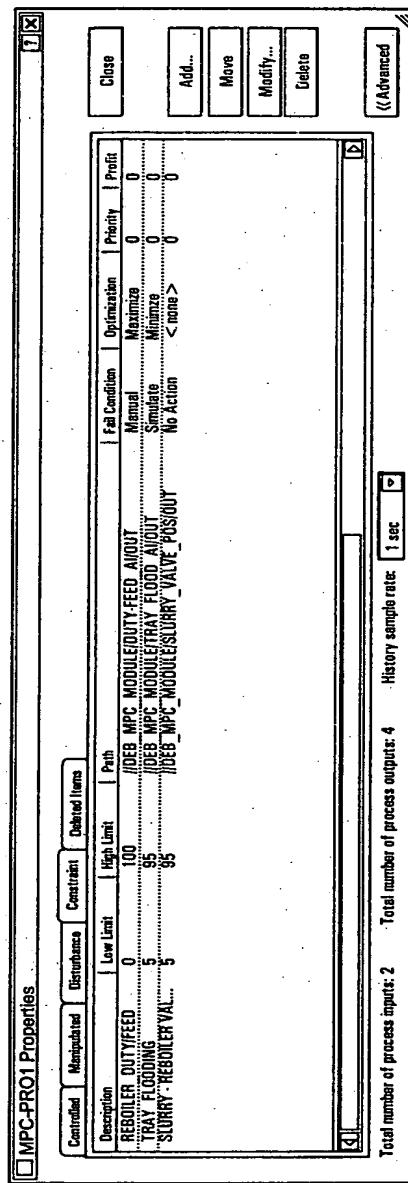


FIG. 5

FIG. 6



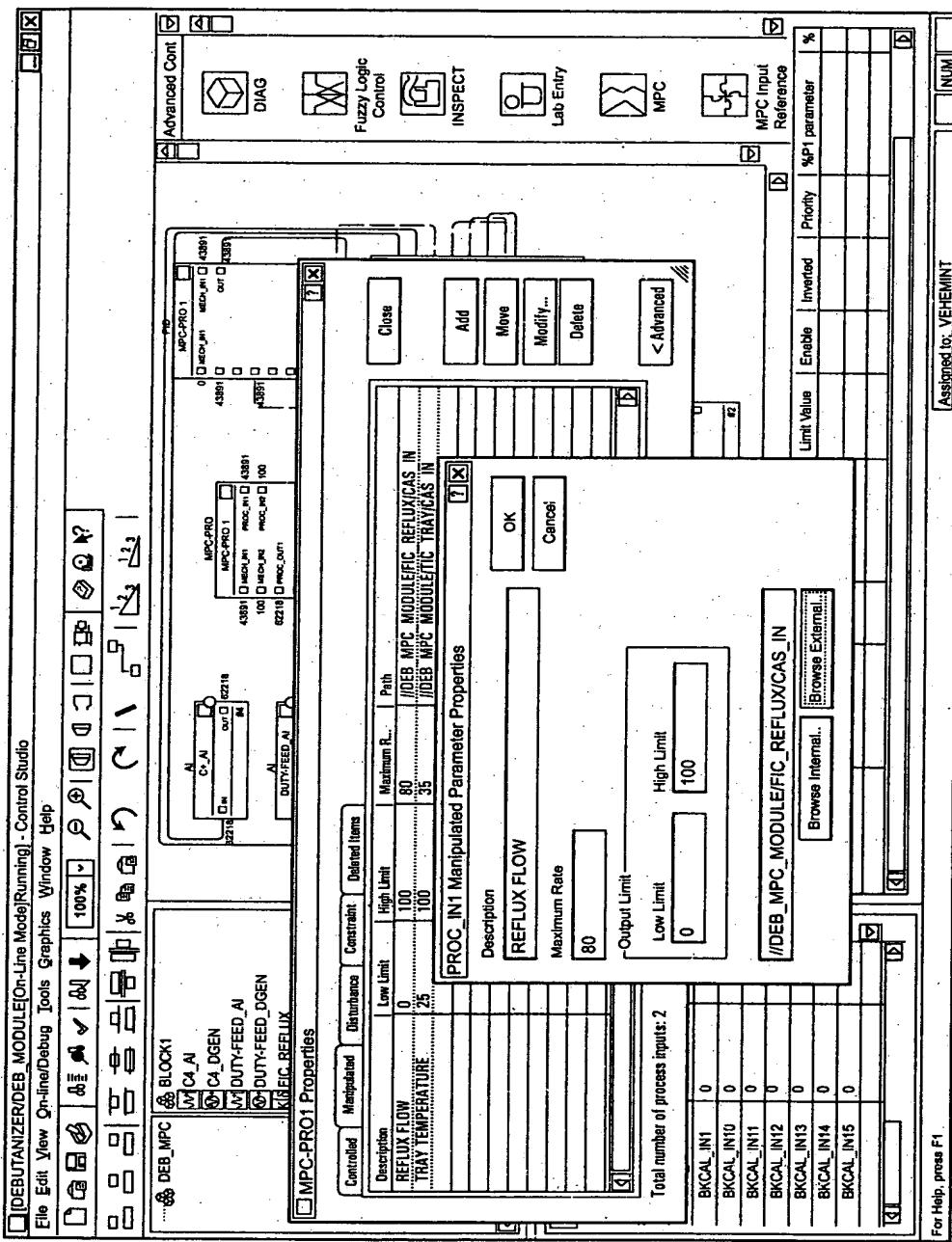


FIG. 7

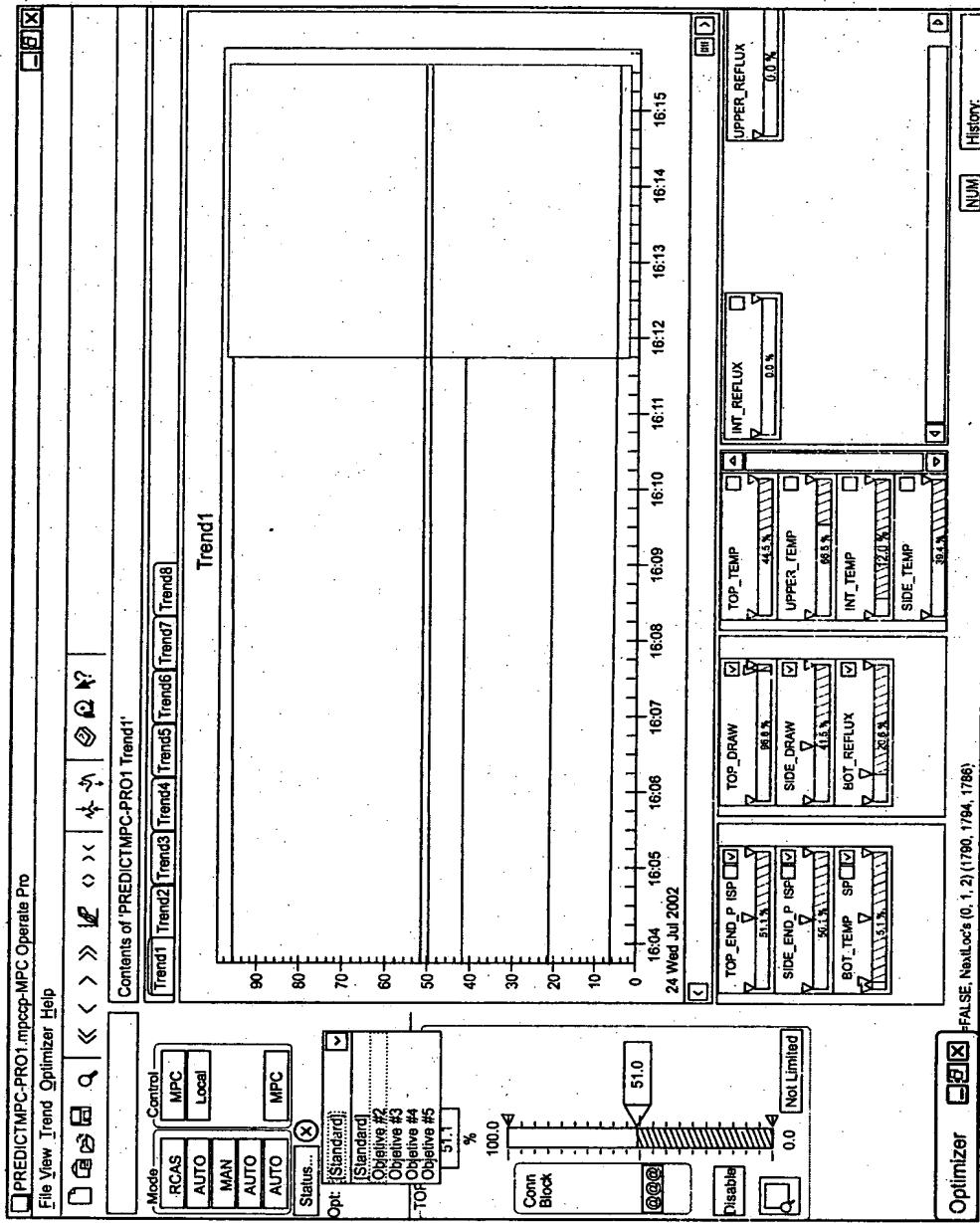


FIG. 8

FIG. 9

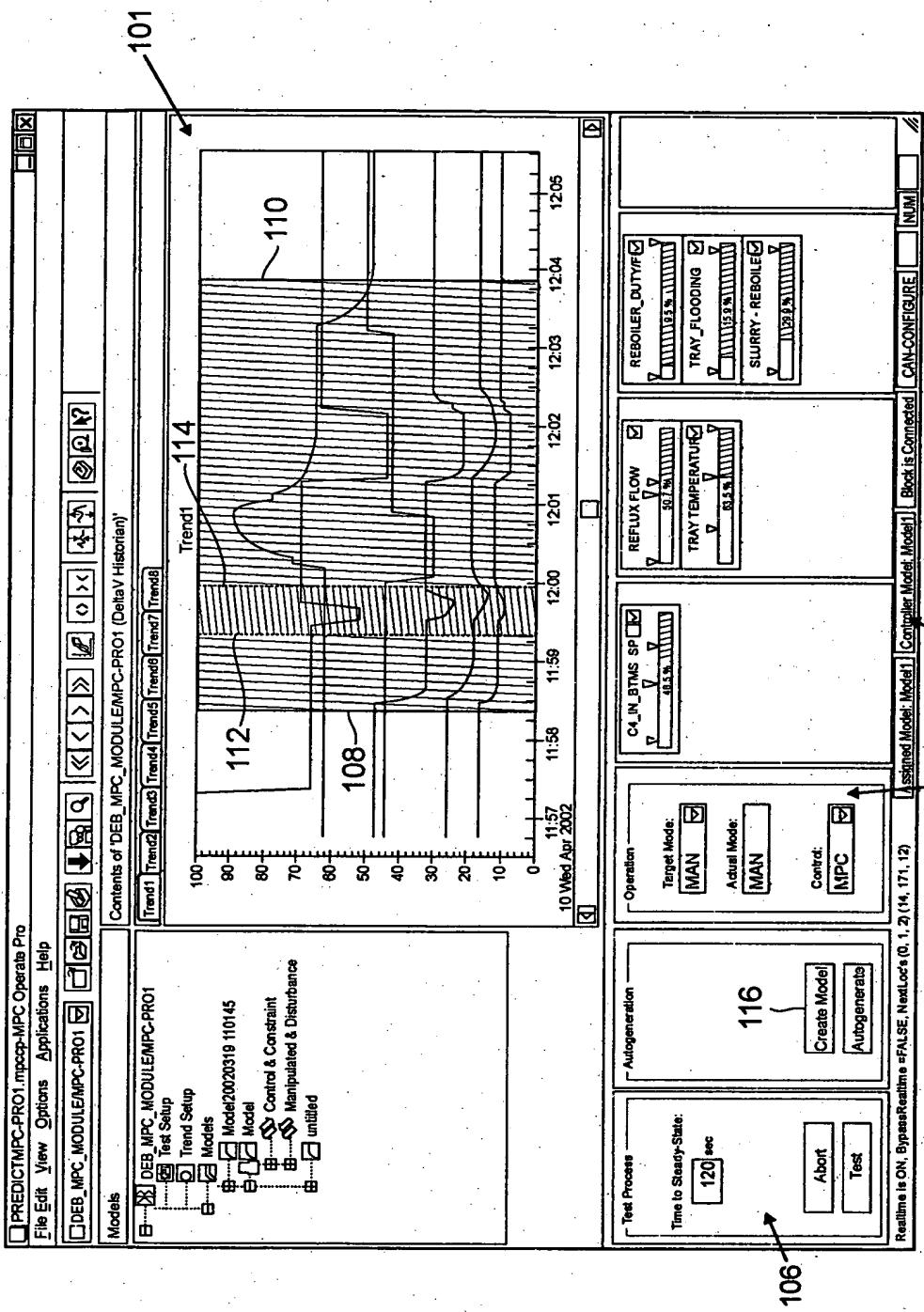
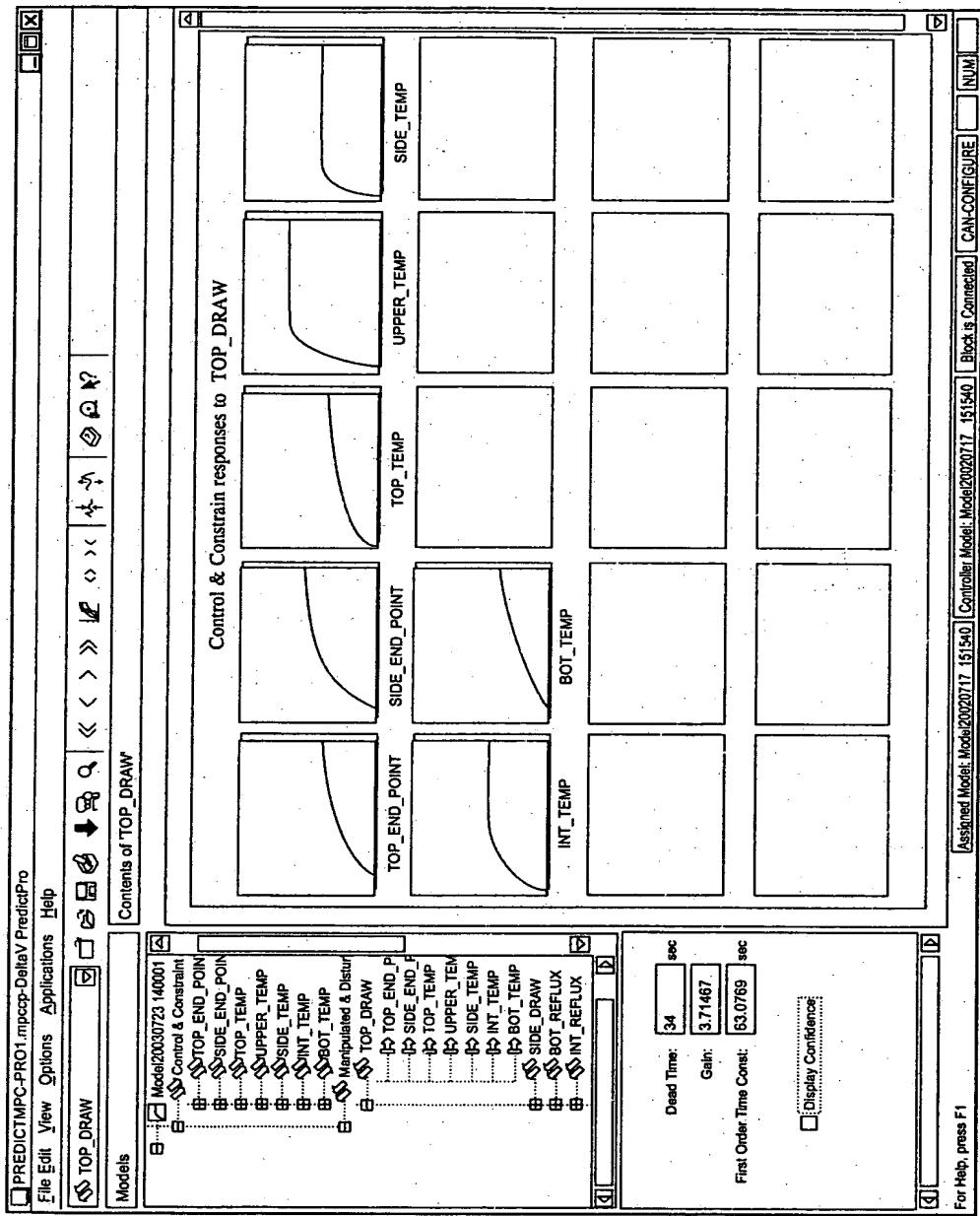


FIG. 10



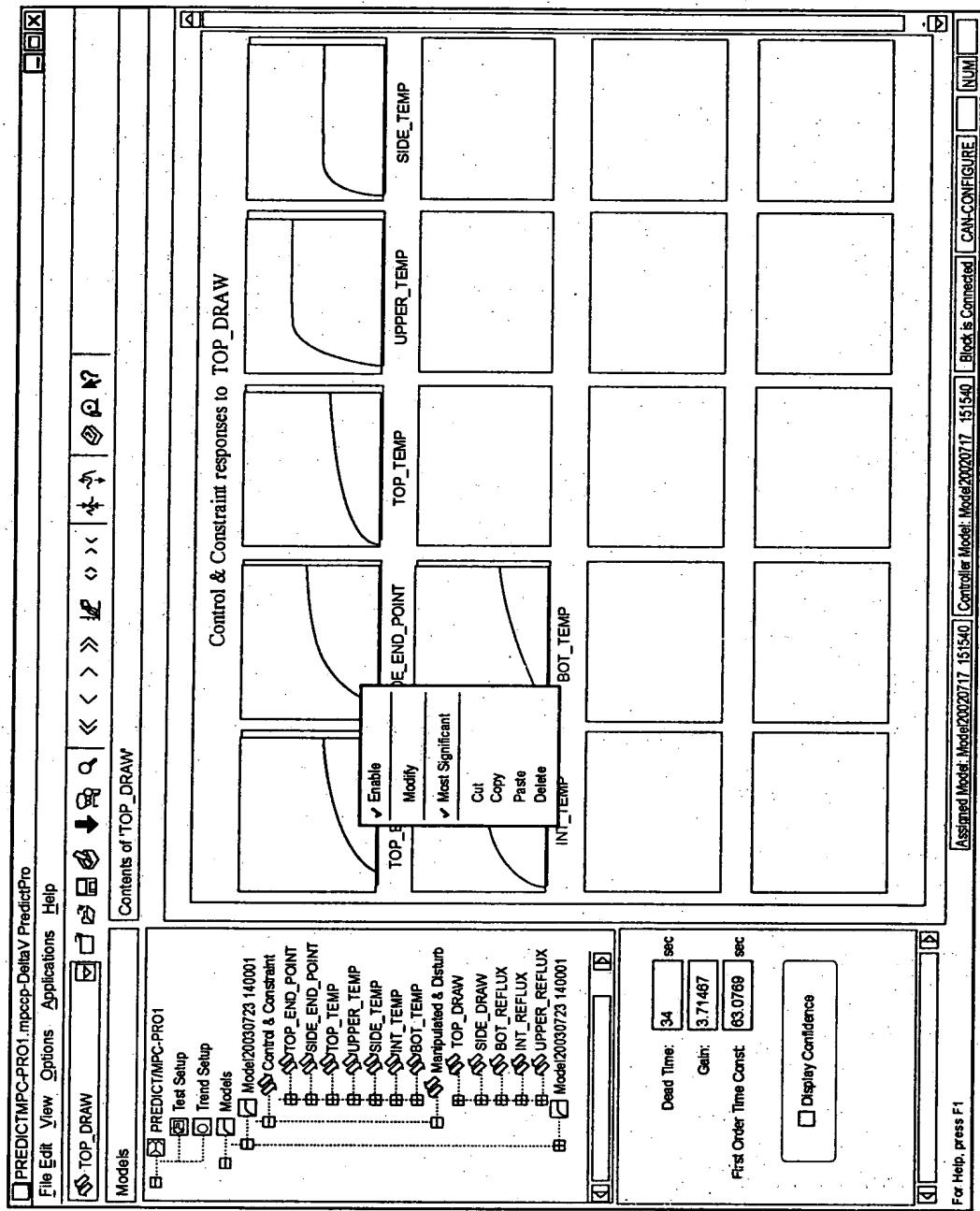


FIG. 11

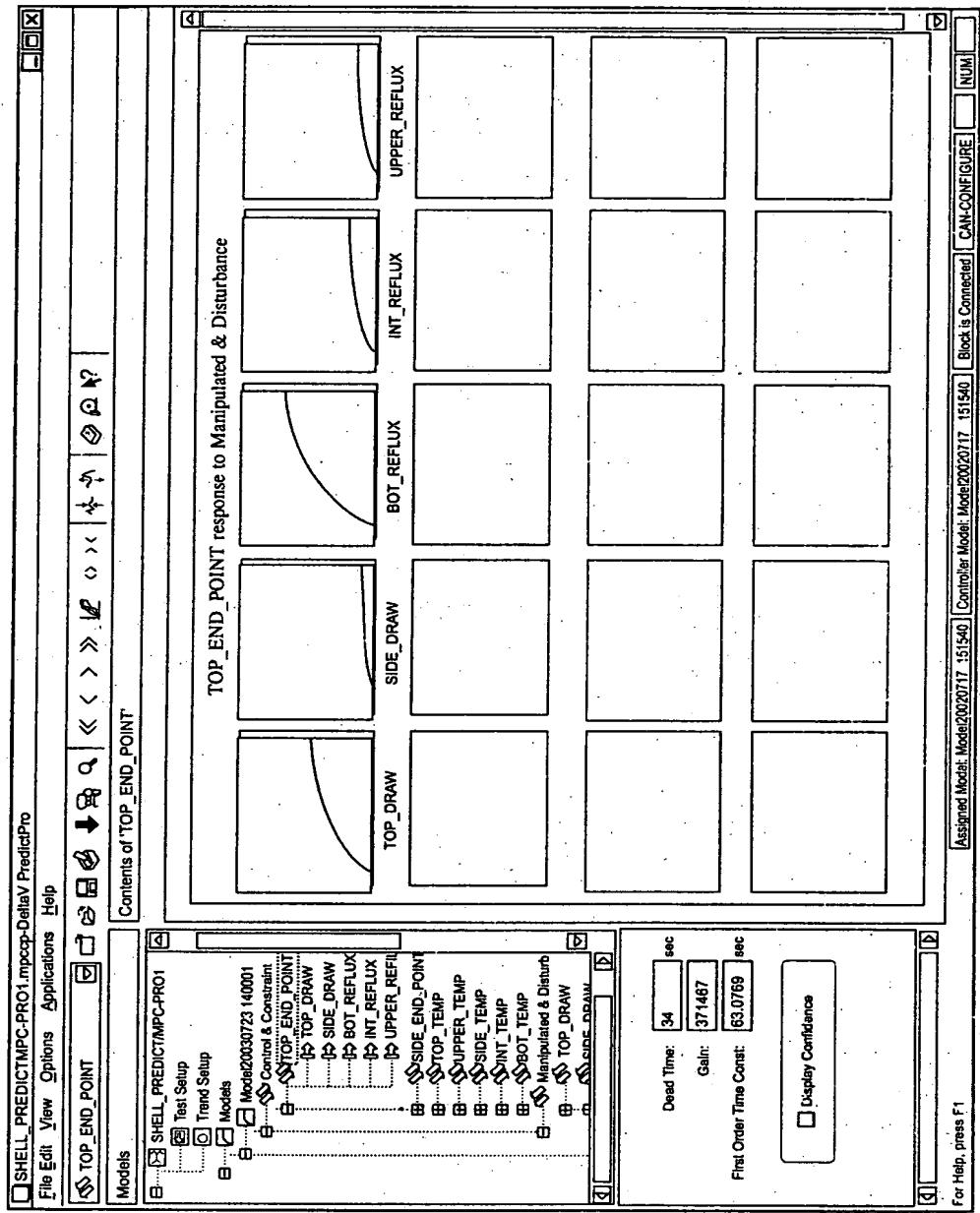


FIG. 12

FIG. 13

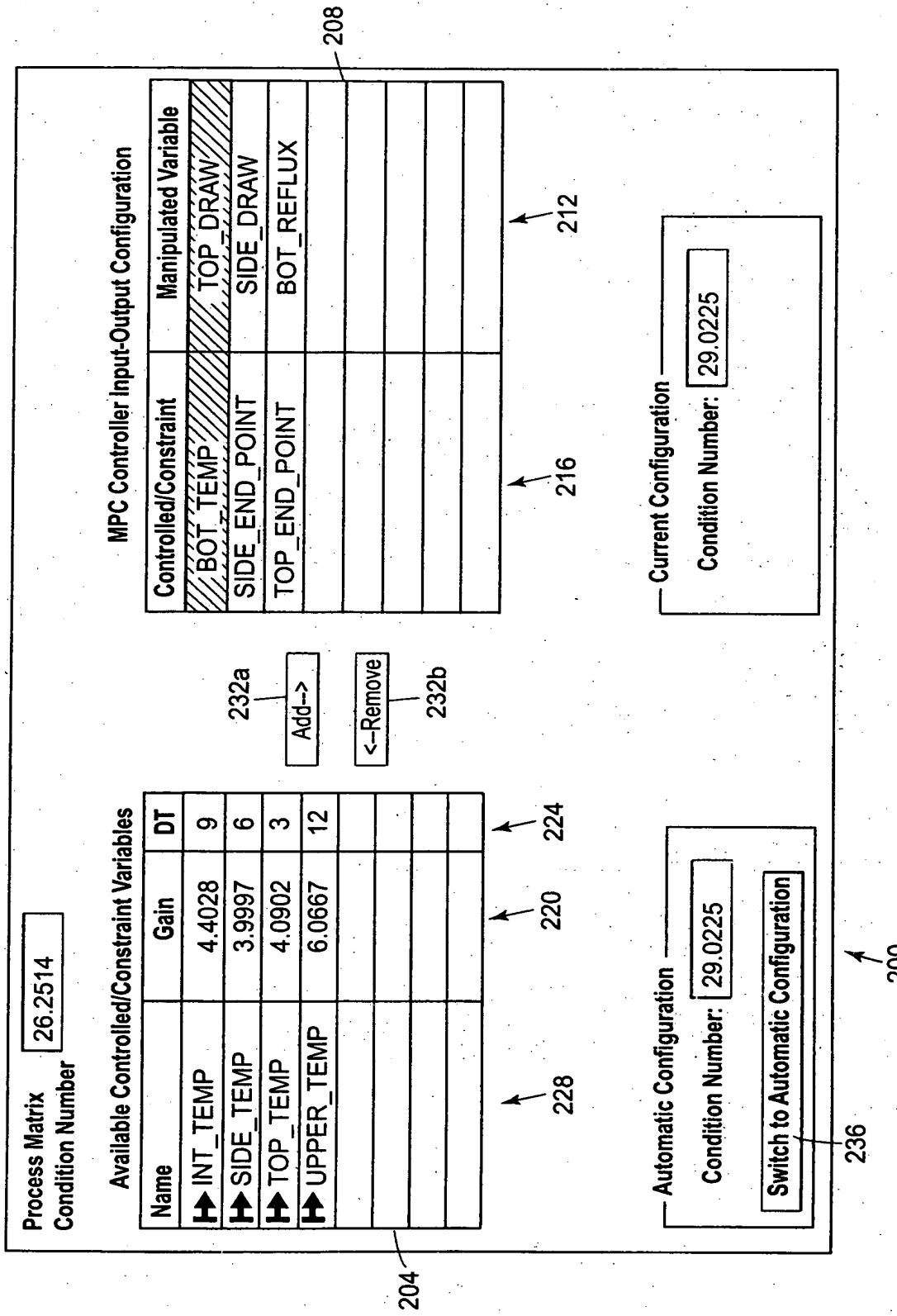
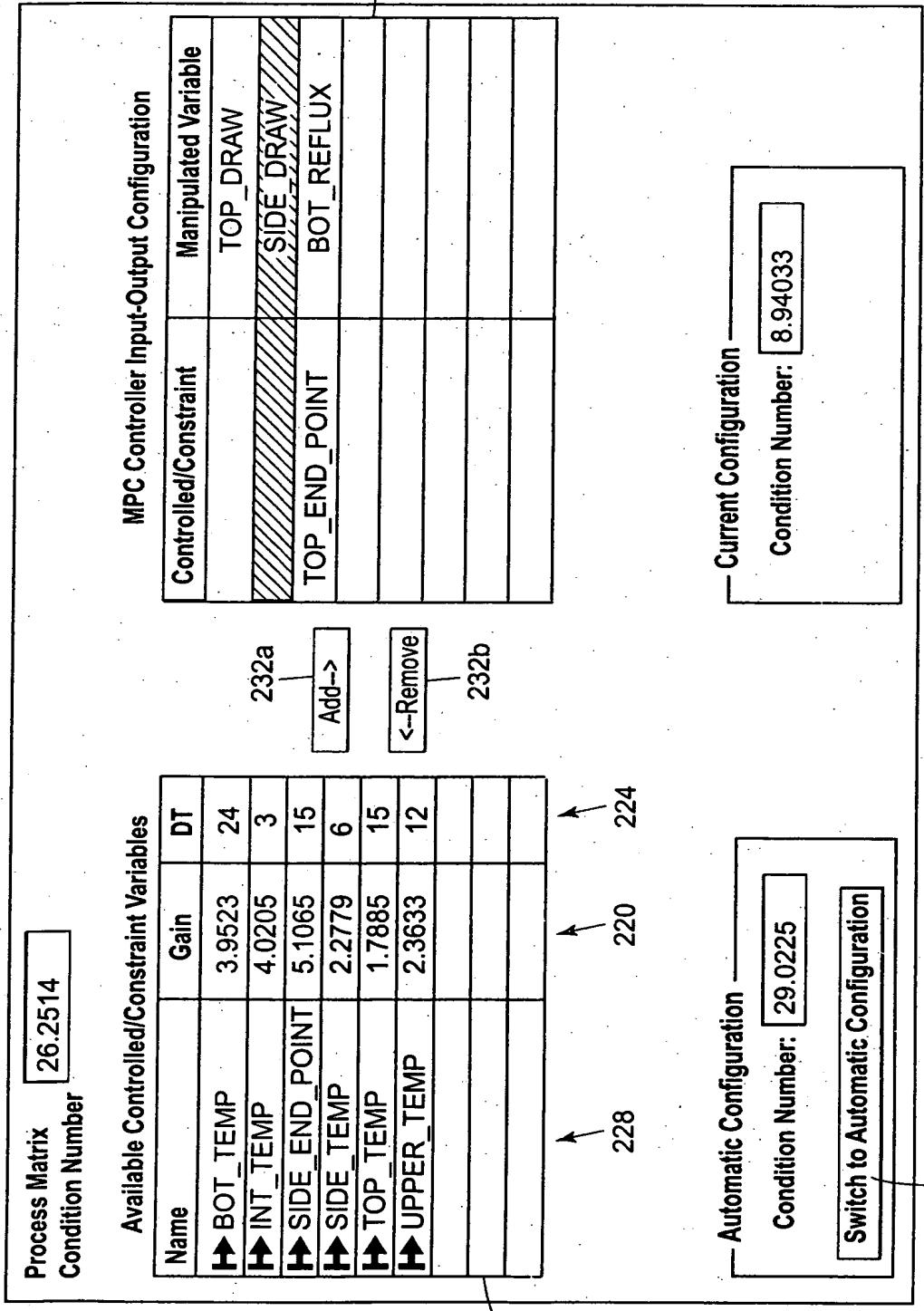


FIG. 14



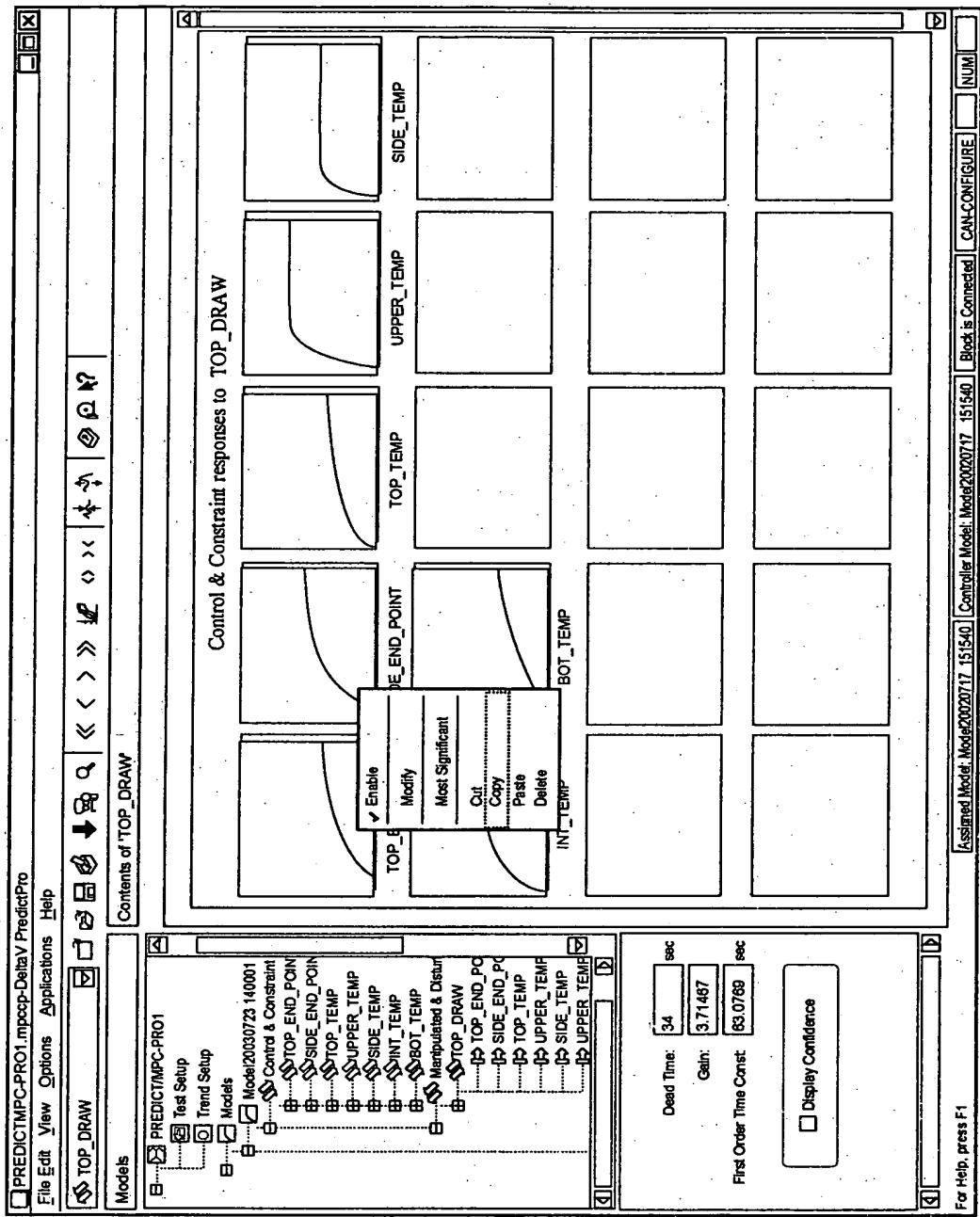


FIG. 15

FIG. 16

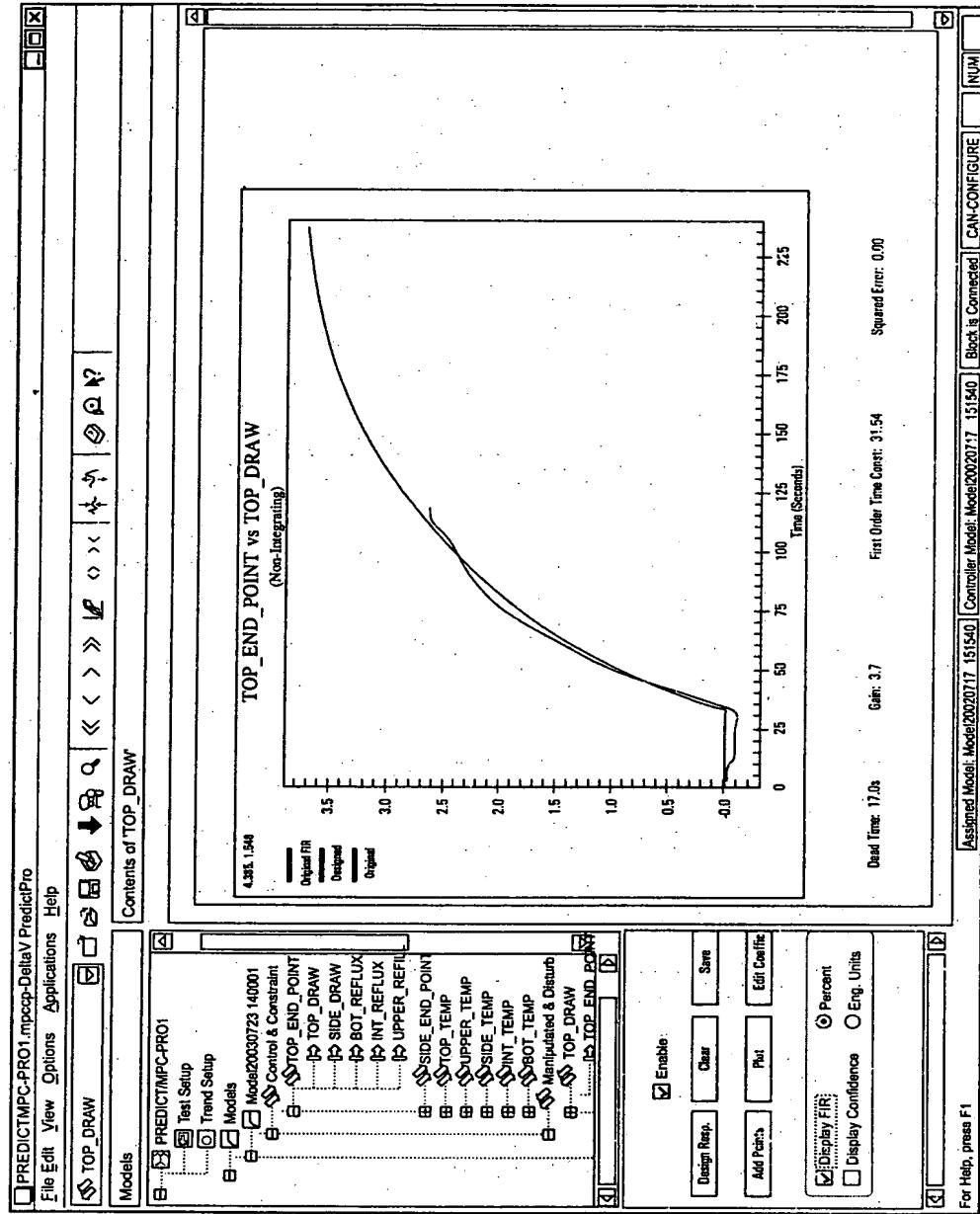


FIG. 17

Optimizer

Inputs (MV)

Descriptor	Current Value	Target Value	Units	Unit Value	Min/Max
TOP_DRAW	96.85	100.00	%	0.10	None
SIDE_DRAW	41.50	41.08	%	0.10	None
BOT_REFUX	20.48	18.38	%	0.10	Min

Outputs (CV, AV)

Descriptor	Current Value	SP	Target SP	TSP Active	Prediction	Units	Unit Value
TOP-END_POINT	51.10	51.00	51.00	Yes	51.10	%	1.00
SIDE-END_POINT	50.07	50.00	50.00	Yes	50.10	%	1.00
TOP-END_TEMP	44.40		45.30	Not in ctrl	44.31	%	1.00
UPPER_TEMP	66.58		70.84	Not in ctrl	66.79	%	1.00
BOT_TEMP	4.85	50.00	5.03	Yes	4.89	%	1.00
INT_TEMP	11.84		10.90	Not in ctrl	11.94	%	1.00
SIDE_TEMP	39.32		40.94	Not in ctrl	39.70	%	1.00

Target SP de/activation  
 Unit Value Change  
 Minimize/Maximize/None change  
 Priority

Target SP on Yes/No  
 -rightclick on Value  
 -rightclick on Min/Max/None  
 -rightclick on value

Close

MPCDiagnostics - PREDICT/MPC-PRO1

File Help

PREDICT/MPC-PRO1

Control and Constraints

Type	Description	Failure	Value	Status	Standard Dev...
✓	TOP-END_POINT		51.0092	Good NonCa...	
✓	SIDE-END_POINT		50.0062	Good NonCa...	
✓	BOT_TEMP		2.1097	Good NonCa...	
✓	TOP_TEMP		43.8979	Good NonCa...	
✓	UPPER_TEMP		67.4156	Good NonCa...	
✓	INT_TEMP		9.38708	Good NonCa...	
✓	SIDE_TEMP		38.5107	Good NonCa...	

Disturbance

Type	Description	Value	Status
☒ Error	INT_REFUX	0	
☒ Error	UPPER_REFUX	0	

Manipulated

Type	Description	F... Value	Status	Back Cal Value	Back Cal Status	Standard Deviation
✓	TOP_DRAW	98.7101	Good Cascade	99.7101	Good Cascade	
✓	SIDE_DRAW	40.9881	Good Cascade Const	40.981	Good Cascade	
✓	BOT_REFUX	18.6473	Good Cascade Const	18.6473	Good Cascade	

Block Abnormal Conditions - Description

Type	Failure

Ready

FIG. 18